

Title (en)
PORTABLE WIRELESS APPARATUS

Title (de)
TRAGBARE DRAHTLOSE VORRICHTUNG

Title (fr)
APPAREIL PORTABLE SANS FIL

Publication
EP 1887649 A1 20080213 (EN)

Application
EP 06713192 A 20060207

Priority
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Abstract (en)
A portable wireless apparatus has an antenna capable of resonating in frequency bands of various communication systems. The portable wireless apparatus comprises an upper case 5; a lower case 4 pivotably connected to the upper case 5; a circuit board 1 formed with wireless circuits 14 to 18 and a grounded planar conductor electrically connected to one ends of the wireless circuits 14 to 18; a planar conductor 2 provided in the upper case 5 and having a feed section electrically connected to the other ends of the wireless circuits 14 to 18; and a conductive element 3 provided in the upper case 5 and spaced from the planar conductor 2, the conductive element 3 having a length different from the length of the planar conductor 2 wherein the planar conductor 2 and the grounded planar conductor function as a dipole antenna, and the conductive element 3 functions as a parasitic element electromagnetically coupled with the dipole antenna.

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